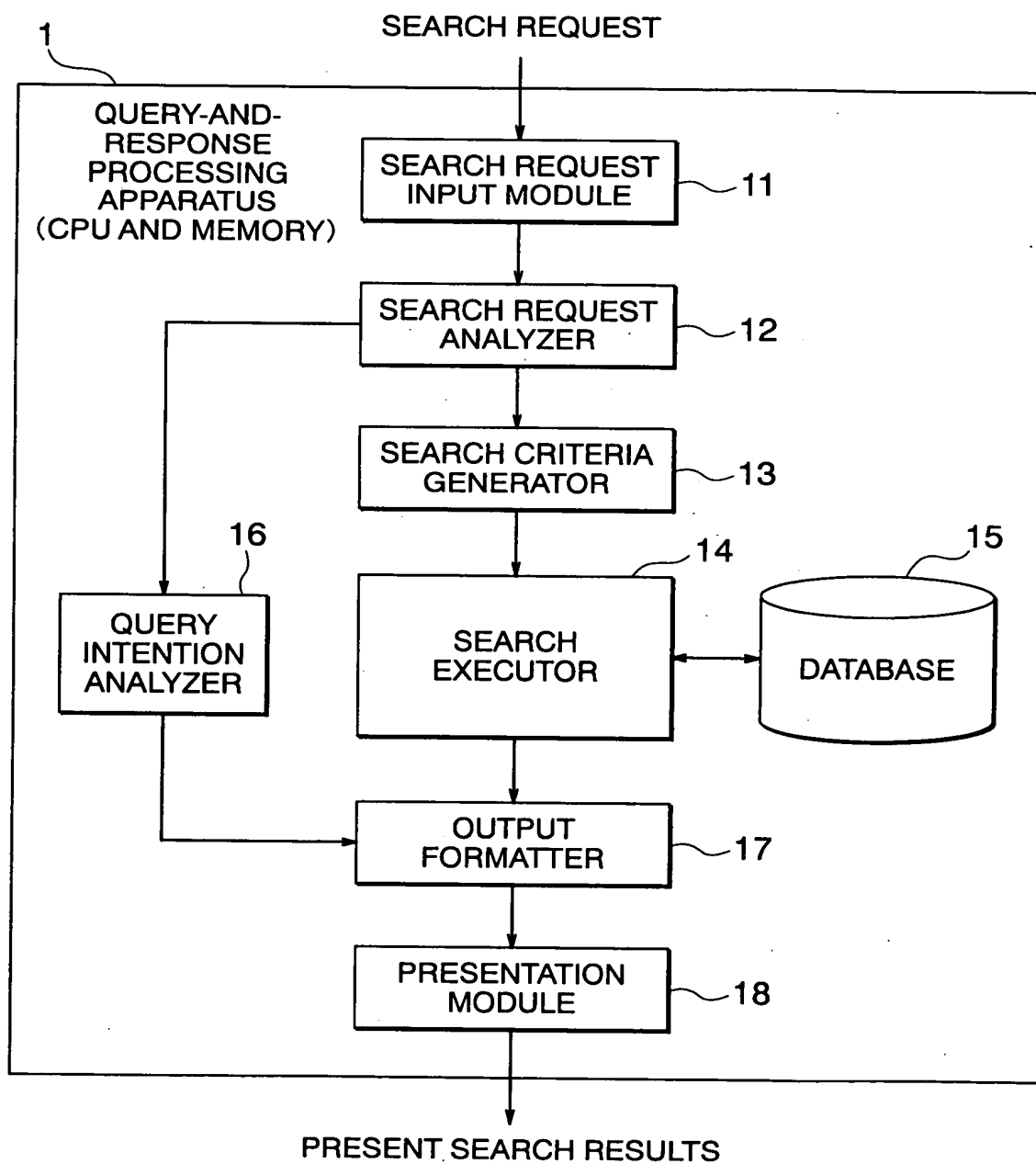


FIG. 1



1002643-12204

FIG. 2

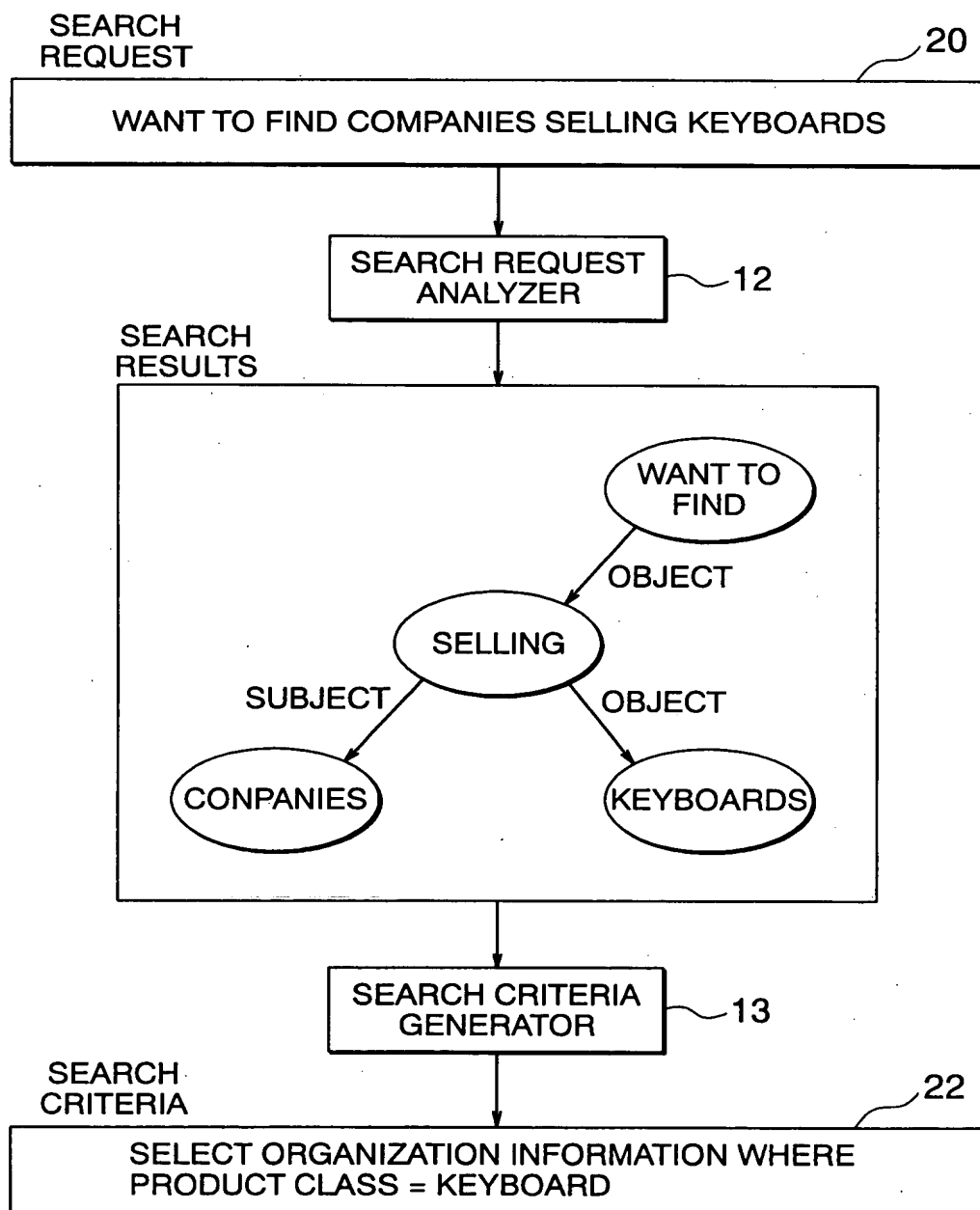
15

DATABASE

COMPANY INFORMATION			PRODUCT INFORMATION			OTHER INFORMATION	
COMPANY NAME	LOCATION	REPRESENTATIVE	PRODUCT CLASS	PRODUCT NAME	PRICE	EVENT TYPE	...
CAMPANY A	KAWASAKI	YAMAMOTO	KEYBOARD	XYZ	50,000	SALES	...
LABORATORY B	YOKOHAMA	YAMAZAKI	SOFTWARE	QRS	80,000	DEVELOPMENT	...
⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮

\* : MAIN ITEM FLAG

FIG. 3



10038423-12301

FIG. 4

ANALYSIS DICTIONARY

23

WORD SPELLING	PART OF SPEECH	SEMANTIC INFORMATION
COMPANY	NOUN	ORGANIZATION
KEYBOARD	NOUN	PRODUCT CLASS = KEYBOARD
PROVIDE	VERB	EVENT = SALES
SELL	VERB	EVENT = SALES
		⋮

FIG. 5

SEARCH CRITERIA GENERATOR

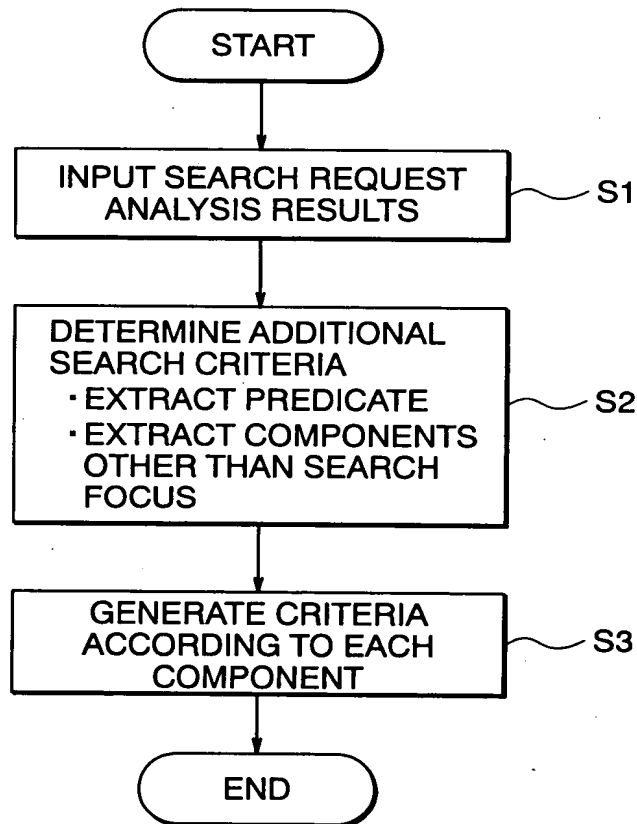
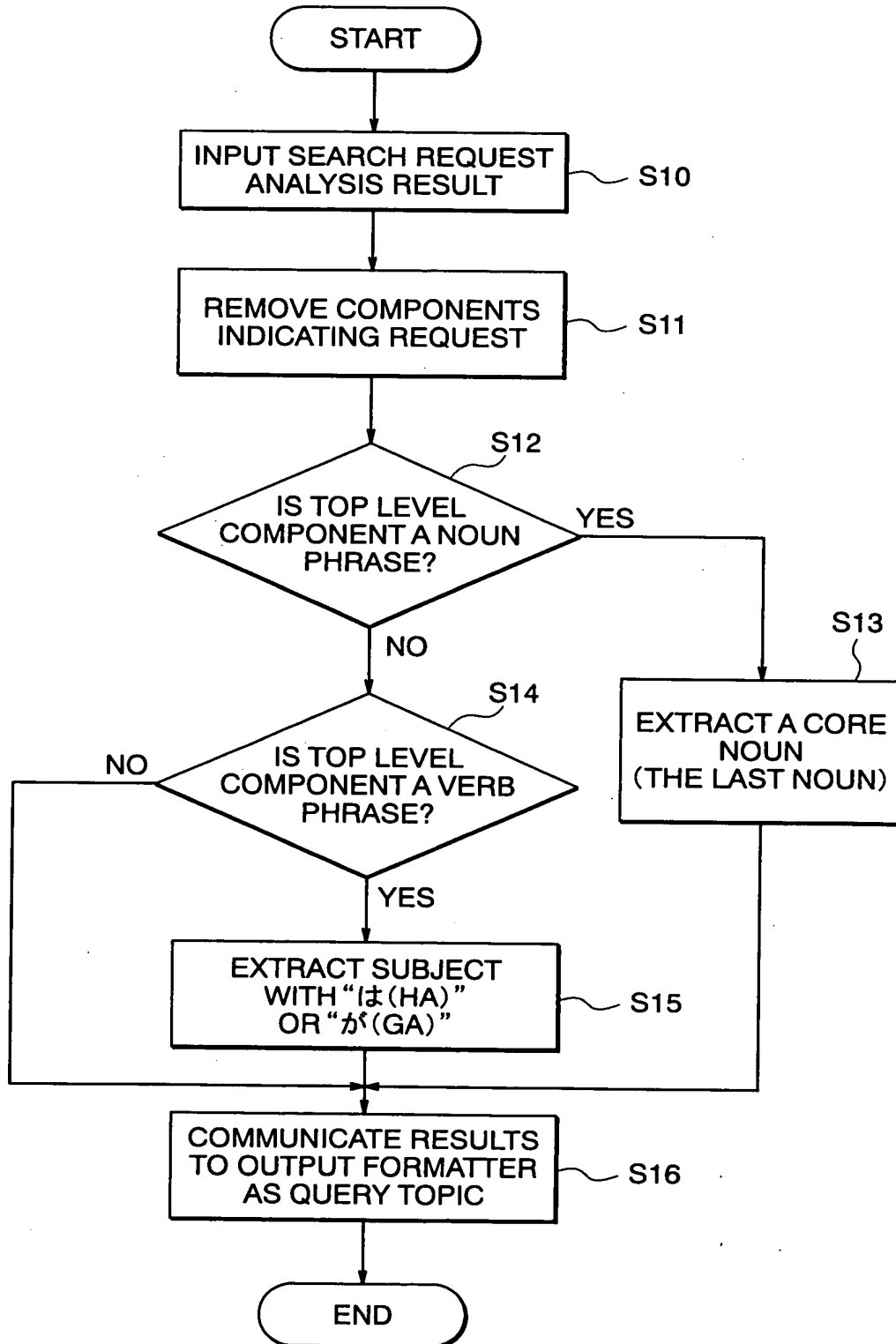




FIG. 7

QUERY INTENTION ANALYZER



# FIG. 8

## OUTPUT FORMATTER

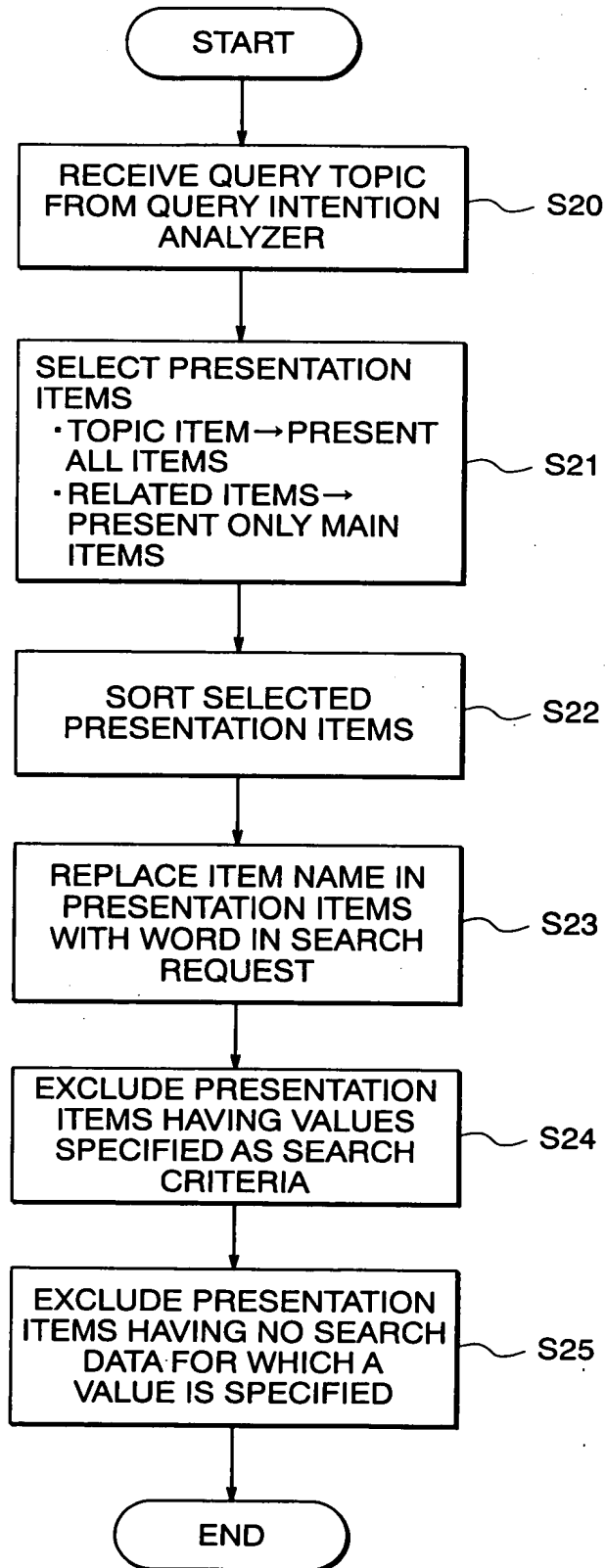




FIG. 9

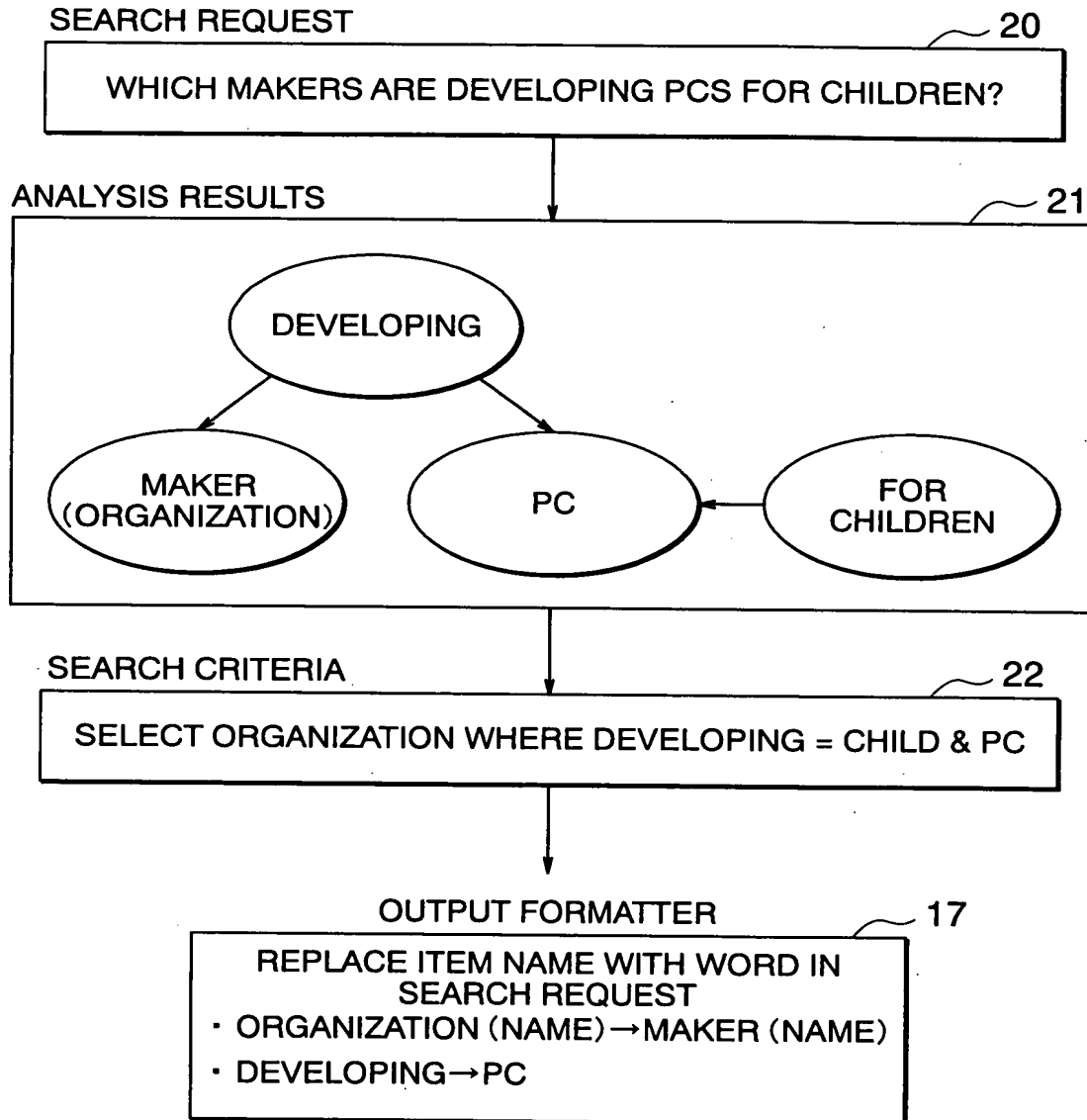


FIG. 10

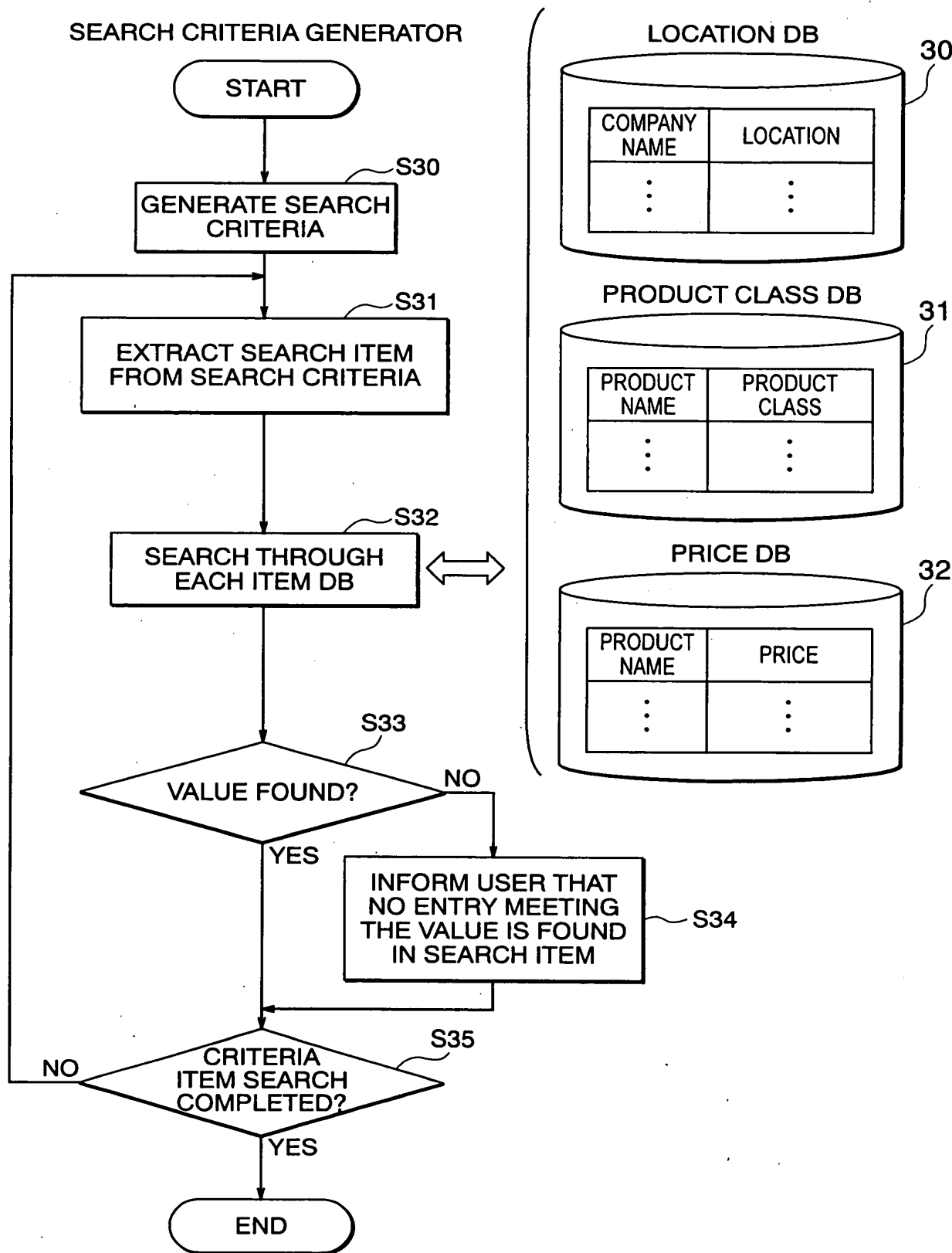
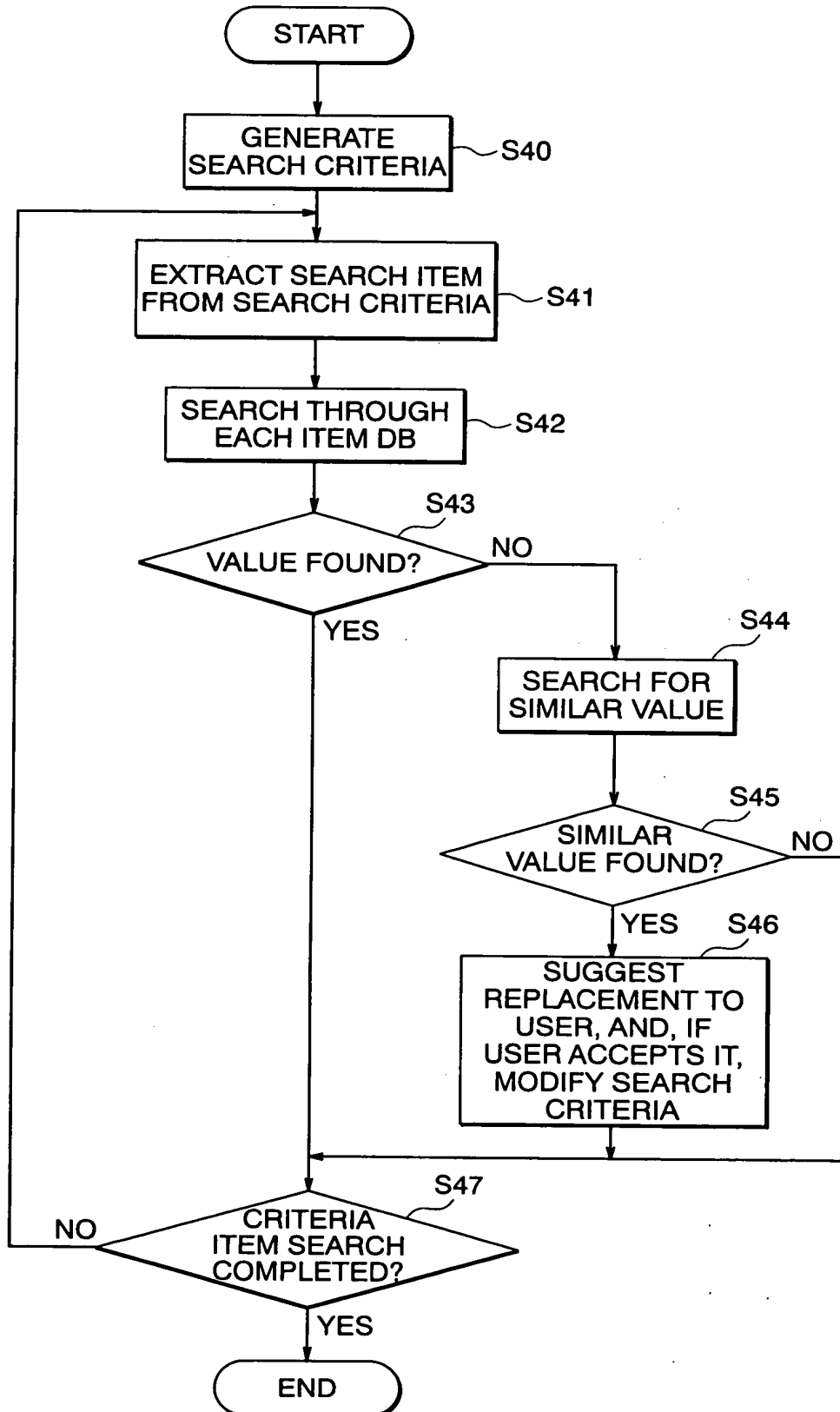


FIG. 11

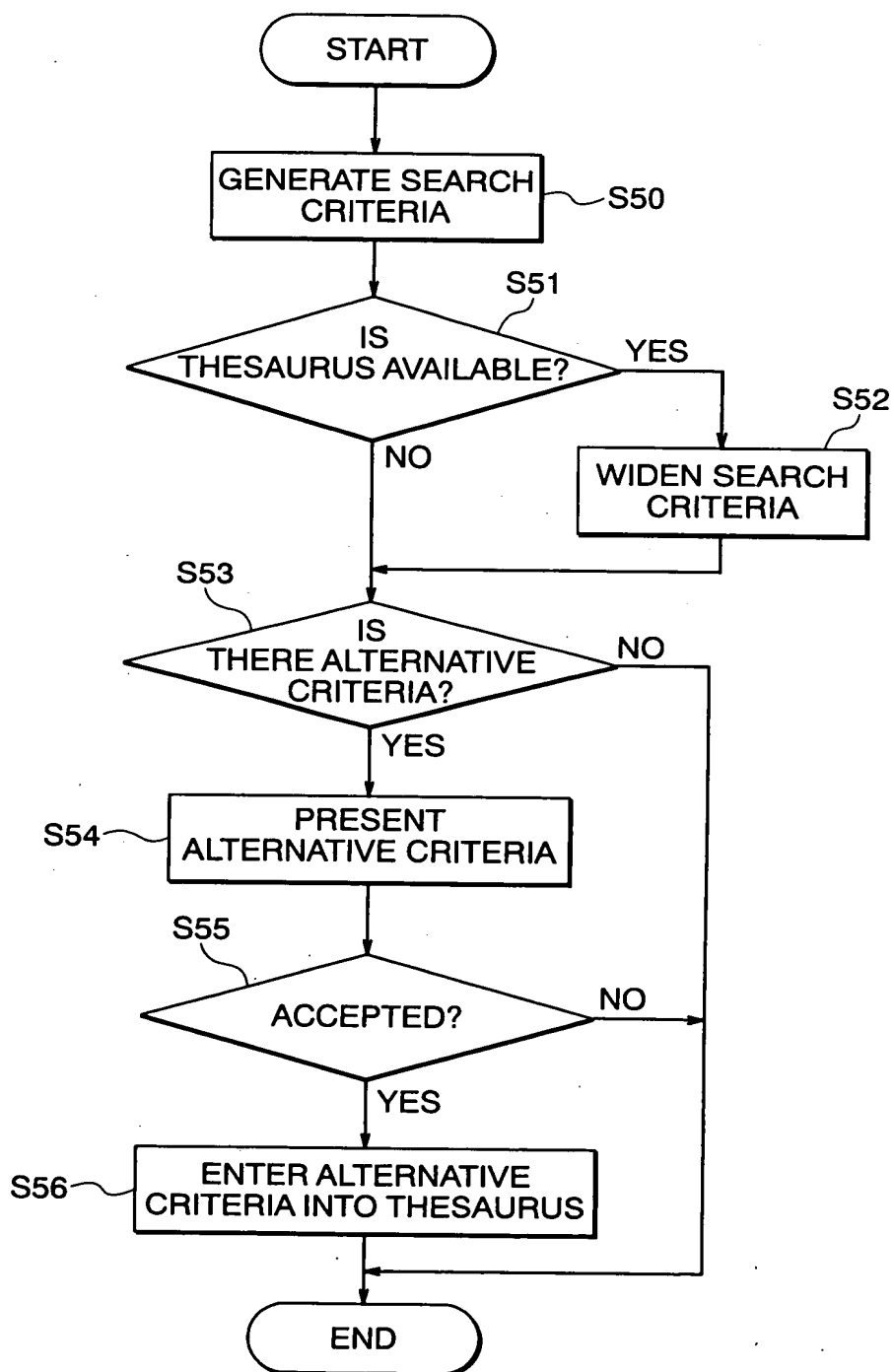
SEARCH CRITERIA GENERATOR



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FIG. 12

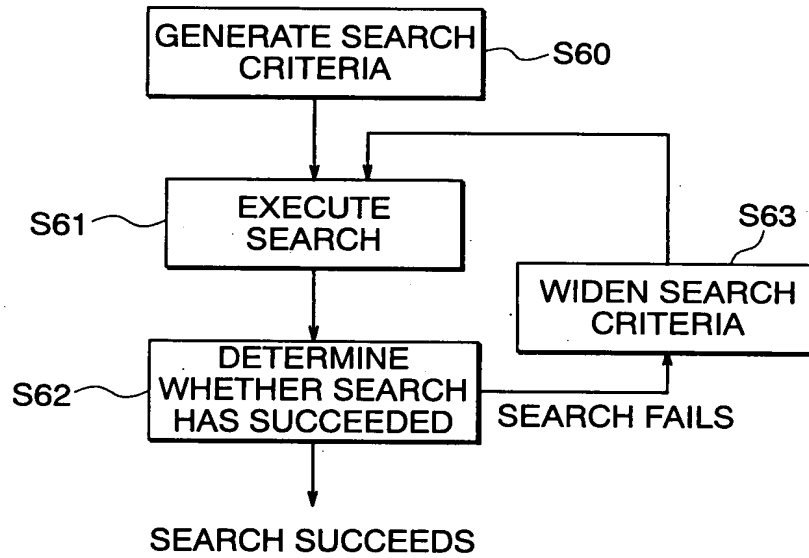
SEARCH CRITERIA GENERATOR



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FIG. 13A

WIDENING SEARCH CRITERIA



# FIG. 13B

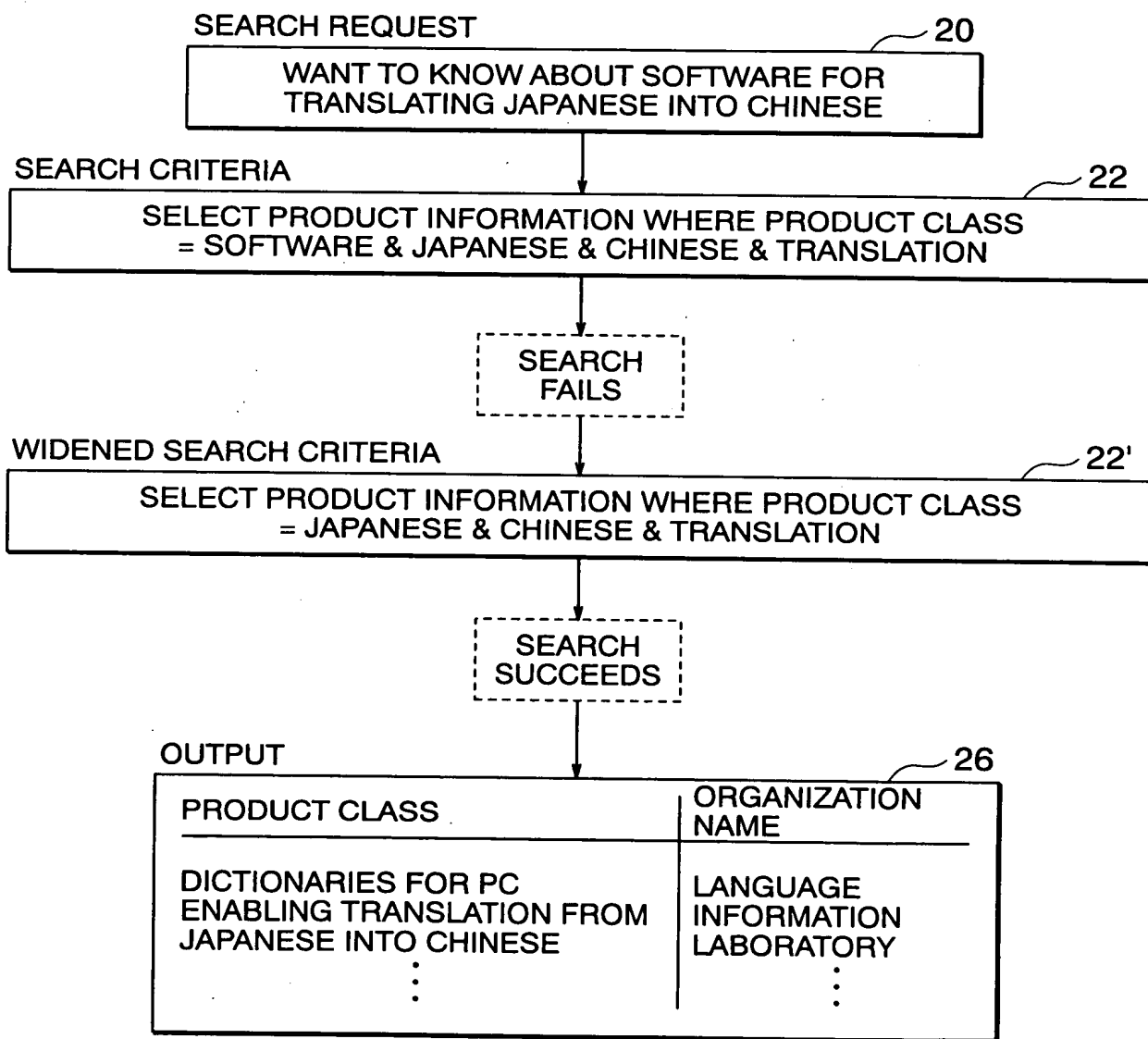


FIG. 14A

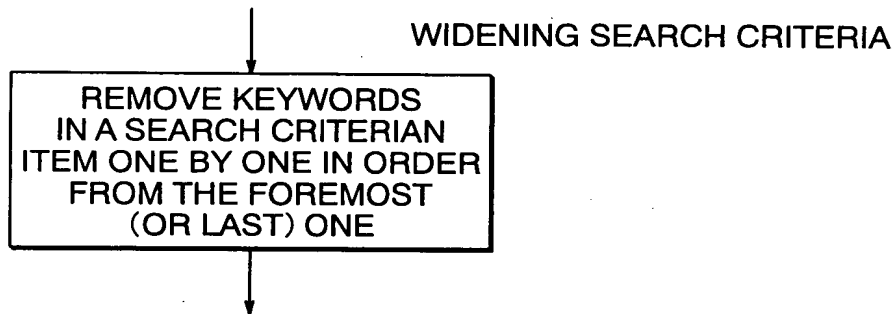


FIG. 14B

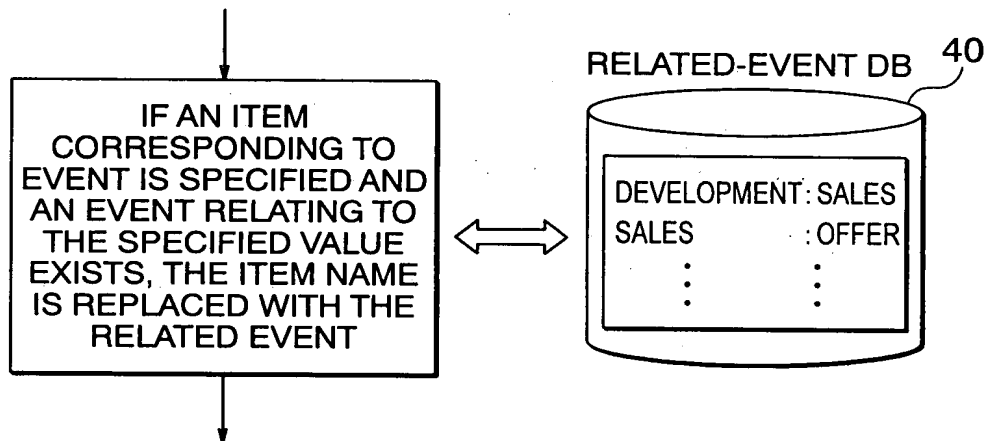


FIG. 14C

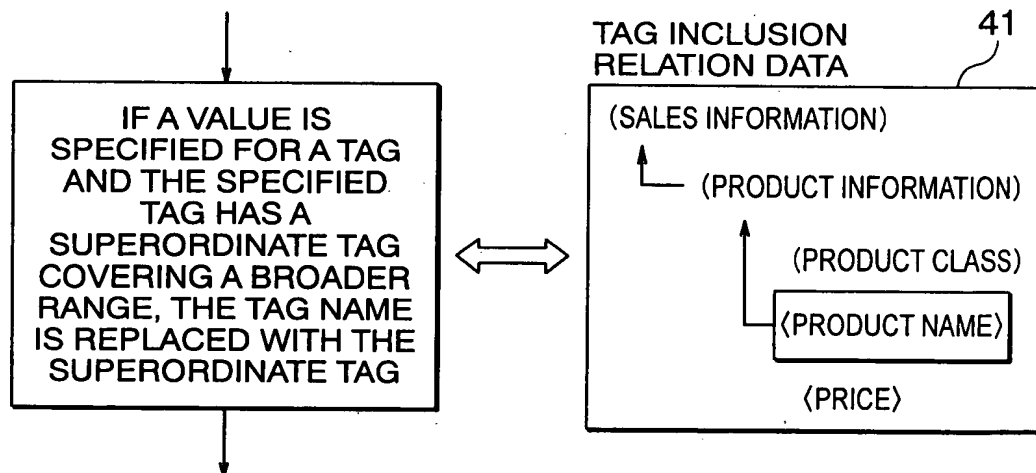
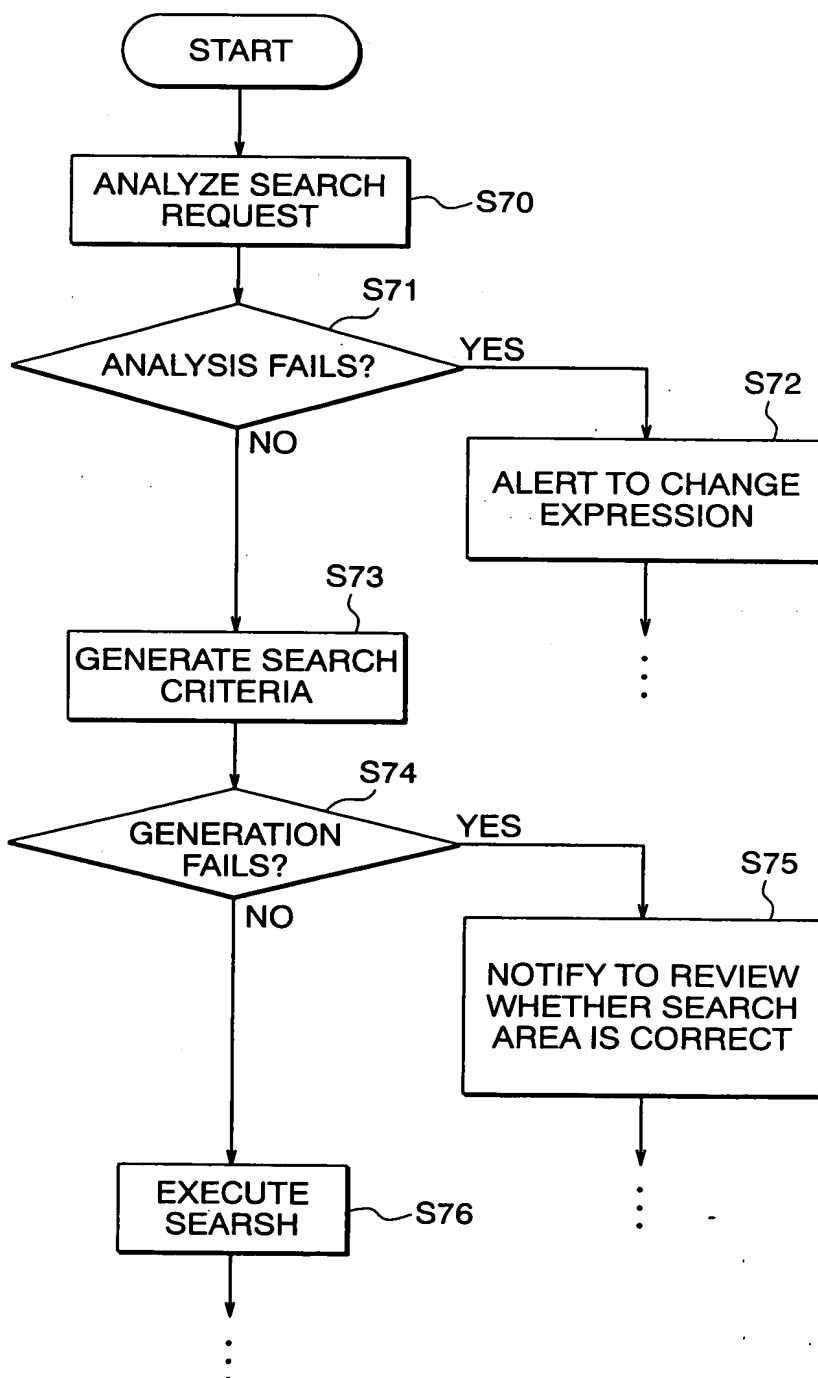


FIG. 15

CONFIRMING SEARCH AREA

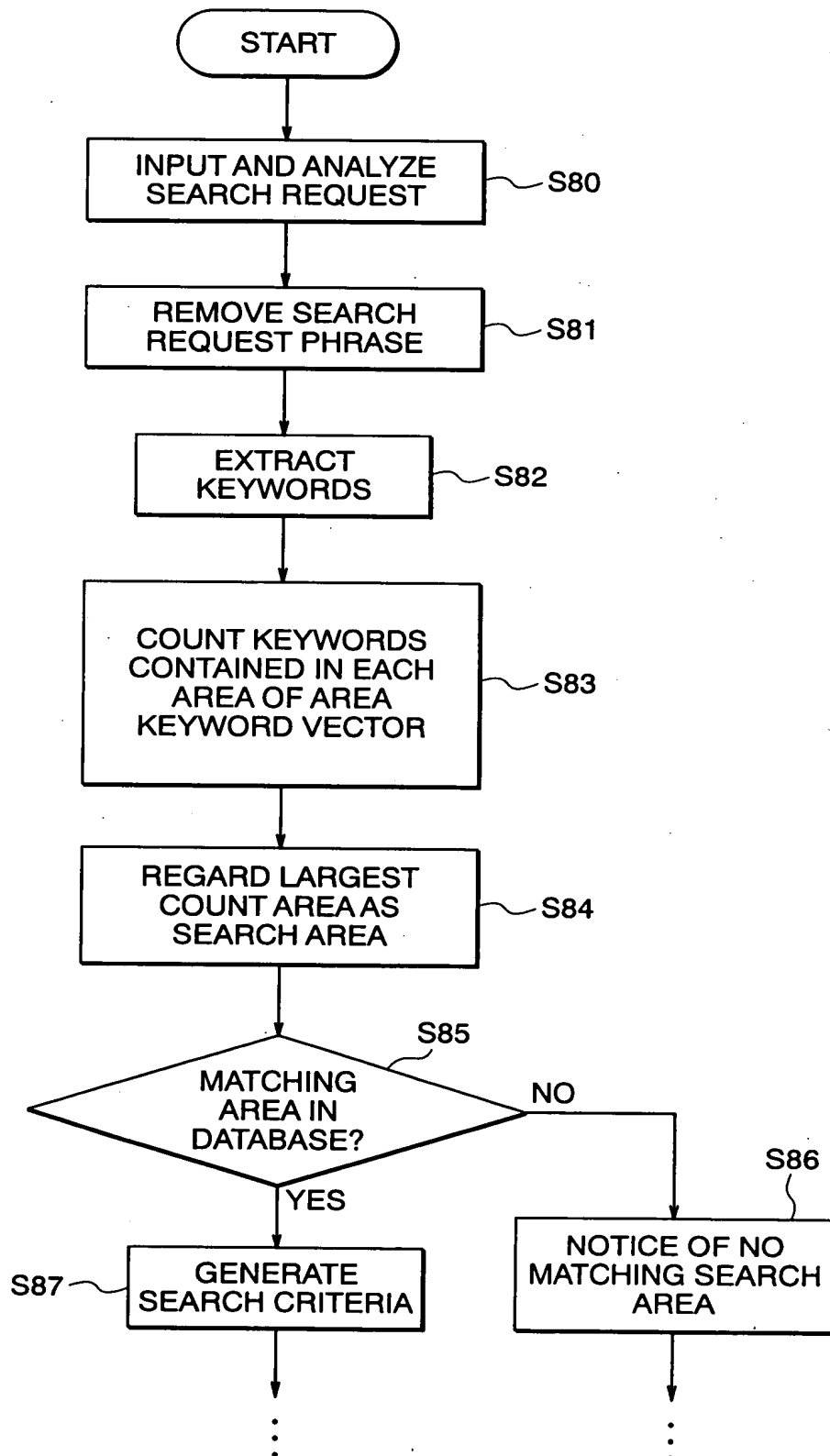


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FIG. 16

DETERMINING SEARCH AREA



10028423-122001

FIG. 17

SEARCH CRITERIA GENERATOR

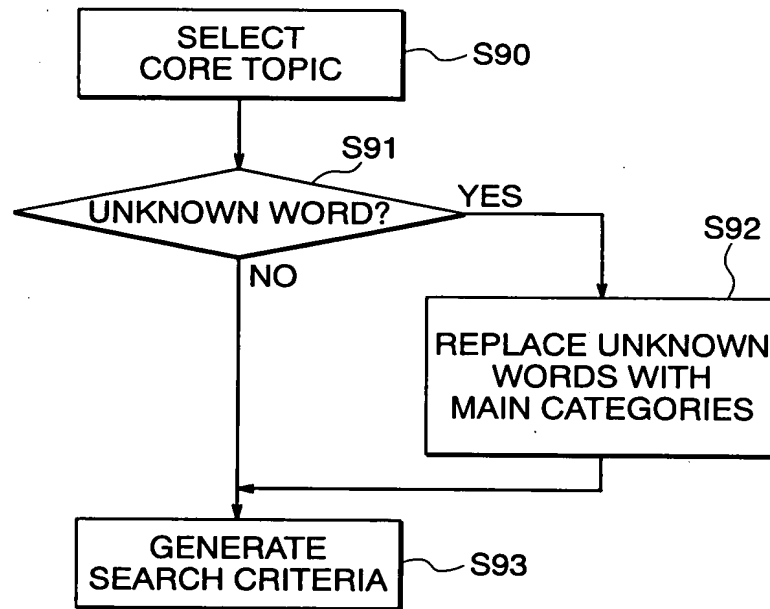
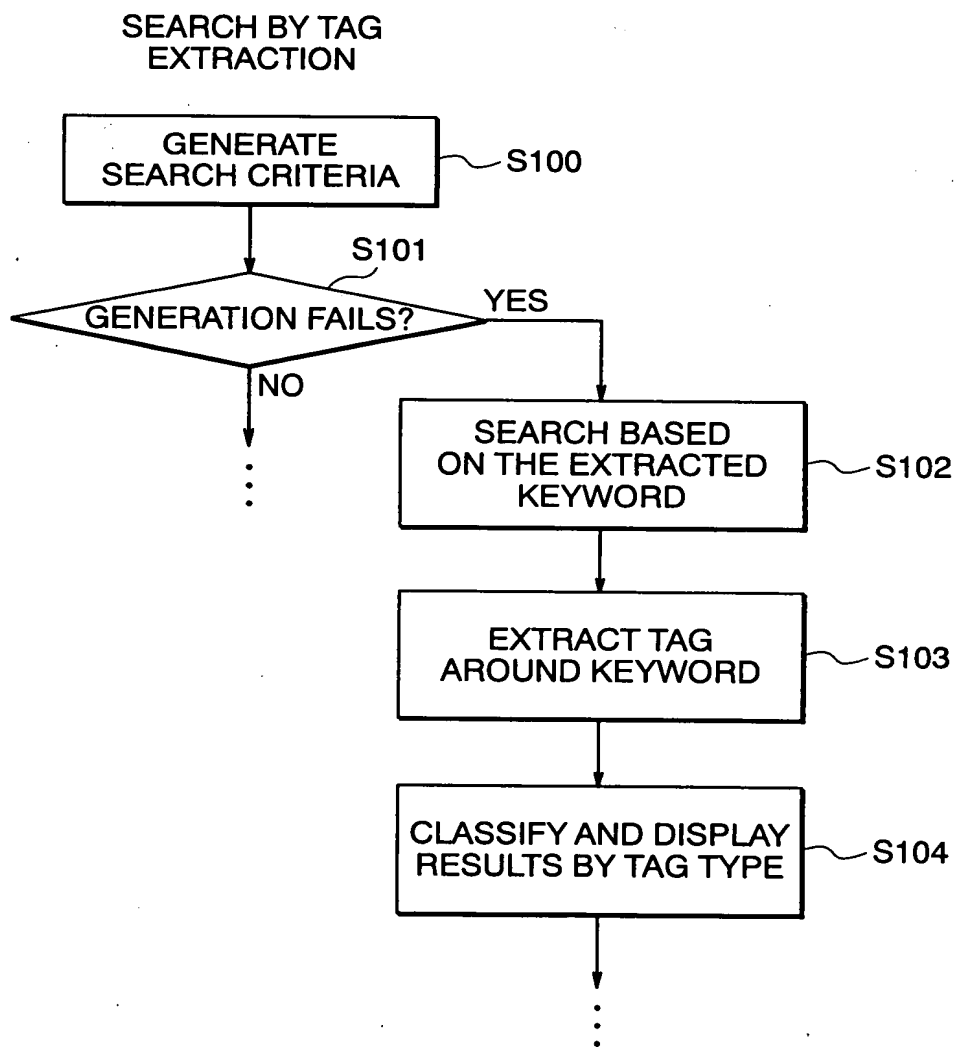


FIG. 18



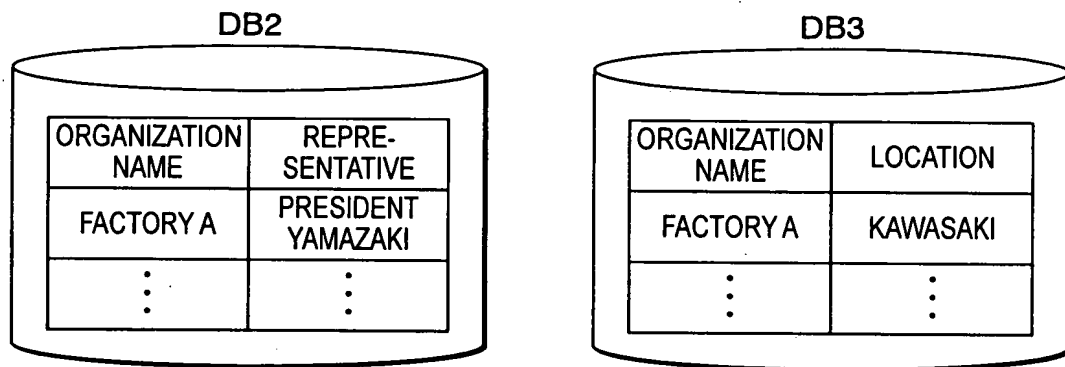
# FIG. 19

## PROCESS FOR COMPLEMENTING TEXT IN DATABASE

### (A) CORRESPONDENCE TABLE BETWEEN TAGS AND SECONDARY DBS

TAG ITEM	A	B	REPRESENTATIVE	LOCATION
SECONDARY DB	NONE	DB1	DB2	DB3

### (B)



### (C) ESSENTIAL ITEM LIST

ORGANIZATION	ORGANIZATION NAME	LOCATION	REPRESENTATIVE
PRODUCT	PRODUCT CLASS	PRODUCT NAME	PRICE
⋮	⋮	⋮	⋮

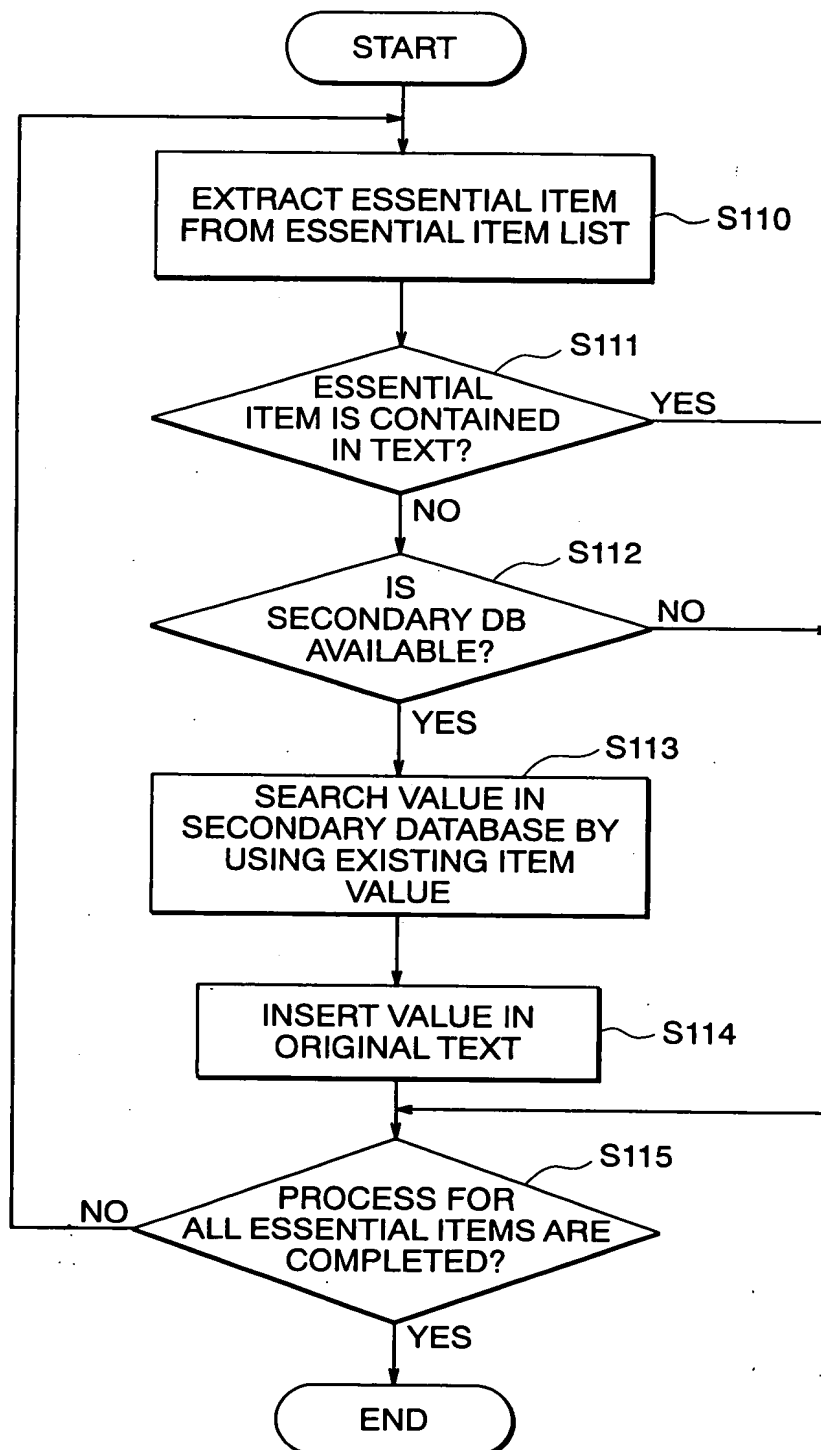
### (D) TEXT

<ORGANIZATION NAME> FACTORY A </ORGANIZATION NAME>

### (E) COMPLEMENT TEXT

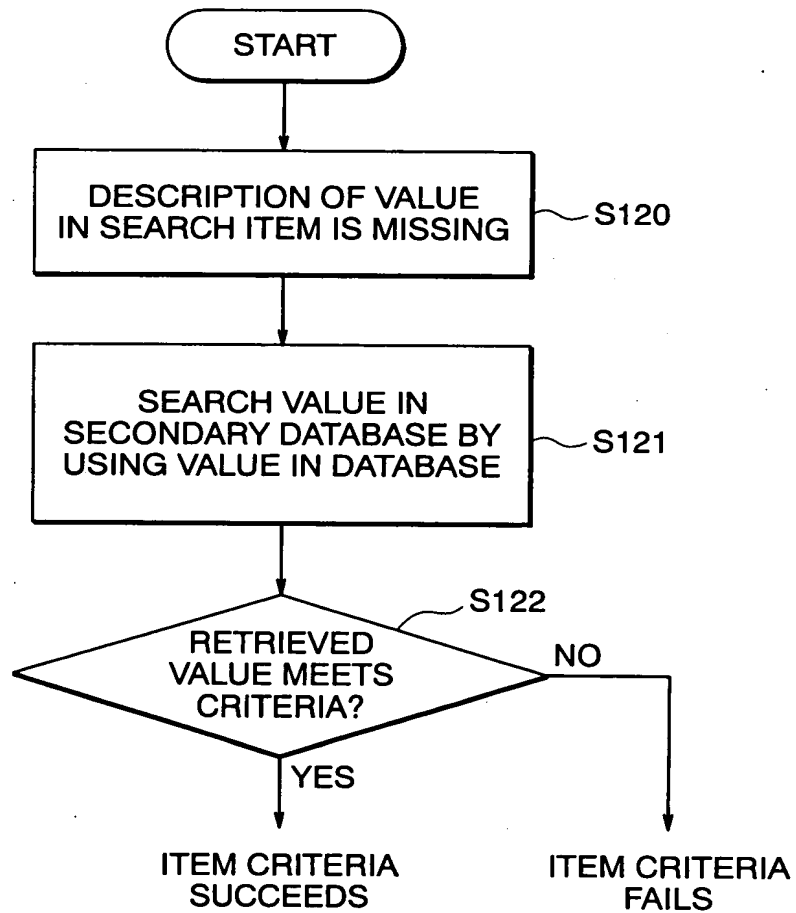
<ORGANIZATION NAME> FACTORY A </ORGANIZATION NAME>  
 <REPRESENTATIVE> PRESIDENT YAMAZAKI  
 </REPRESENTATIVE> <LOCATION> KAWASAKI </LOCATION>

FIG. 20



10028423-122001

FIG. 21



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